

Amendments to the Specification

Please replace the second full paragraph of page 5 of the Specification (beginning at page 5, line 20) with:

The passpoint signal generator 15 can similarly be any known or hereafter-developed mechanism that provides such a signal. For example, in many optically-based movement sensor systems, an additional optically-based mechanism will be provided that issues a passpoint optical signal (to illustrate, a given system might generate a basic count signal for each 1.0 cm of movement by the movable barrier ~~11~~ 12 and a passpoint signal for every 30.0 cm of movement).

Please replace the last full paragraph of page 6 of the Specification (beginning at page 6, line 27) with:

In a preferred embodiment the learning mode of operation 20 provides for initiating 21 (or otherwise operating in conjunction with) movement of a given object towards a given position (such as, for example, a movable barrier). As one illustration, a movable barrier in the fully closed position may begin moving towards a fully opened position (or vice versa). As the object moves the process ~~22~~ 20 processes ~~22~~ a corresponding count as a function, at least in part, of the movement of the object towards the given position. For example, when the system includes an optical signal that is sensed in a manner that correlates to movement of the object by a specific set distance, the process ~~22~~ 20 can maintain an incrementing count of such optical signals.

Please replace the third full paragraph of page 7 of the Specification (beginning at page 7, line 18) with:

Referring again to FIG. 2, while processing this count, the process ~~23~~ 20 also detects ~~23~~-passpoint events as they occur. Depending upon the needs of a given application there

may be only one such passpoint event to detect during movement of the object from its beginning position to its intended concluding position. Or, there may be two such passpoint events that are detected (and/or that are even potentially detectable). Or, there may be three or more such passpoint events. In general, such passpoint events will tend to be regularly spaced apart from one another (as measured by the intervening count) but this is not an essential requirement. It may also be appropriate in a given application, for example, to utilize more than one passpoint event generator. In such a case, the two (or more) generators may respond to movement of the object in differing ways. As a simple illustration, a first passpoint generator may generate a passpoint event every 10 cms while a second passpoint generator may generate a passpoint event every 15 cms of movement.

Please replace the fourth full paragraph of page 7 of the Specification (beginning at page 7, line 30) with:

Upon detecting a passpoint event of interest, the process ~~24~~ 20 correlates ~~24~~ that passpoint event with a particular count value. For example, in a preferred approach, the passpoint event is correlated with a value of the count that is substantially coincident in time to detection of the passpoint event. To illustrate, and referring momentarily to FIG. 3, a first detected passpoint event 33 can be correlated with a count value of “8” while a subsequent passpoint event 35 can be correlated with a count value of “48” (these count values being the count values that are closest in time to occurrence of the passpoint events themselves in this example).

Please replace the first full paragraph of page 9 of the Specification (beginning at page 9, line 9) with:

When a plurality of passpoint events are available, one of the passpoint events will of course comprise a last detected passpoint event. Using these same ~~define detect~~ 25, correlate 27, and define 28 actions the process 20 can also detect such a concluding passpoint event 35 (see FIG. 3), correlate that concluding passpoint event 35 with a corresponding count value

(such as a count value of "48" in the illustrative example of FIG. 3), and define a corresponding count zone 36A for that concluding passpoint event 35.

Please replace the third full paragraph of page 10 of the Specification (beginning at page 10, line 23) with:

To continue this example, if the detected passpoint event has a corresponding presently detected count value of "9" rather than "8," then the operation 40 can determine that the count has become uncalibrated with respect to movement of the movable object. In response, the operation 40 can, for example, initiate an action ~~to now~~ (or at some appropriate subsequent time) (correlate) the object's position with respect to the passpoint event(s).